

GenCore version 5.1.4 p5.4578
Copyright (c) 1993 - 2003 Compugen Ltd.

OW nucleic - nucleic search, using SW model

Run on: March 26, 2003, 11:15:34 ; Search time 714.568 Seconds
(without alignments)
27.390 Million cell updates/sec

Title: US-10-086-184-1

Perfect score: 23

Sequence: 1 aaatcgctccgagcggaac 23

Scoring table: IDENTITY NUC

Searched: 574371 seqs, 425486471 residues

Total number of hits satisfying chosen parameters: 305418

Minimum DB seq length: 0
Maximum DB seq length: 40

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database: Published Applications NA:*

1: /cgn2_6/ptodata/2/pubna/US07_PUBCOMB.seq:*
2: /cgn2_6/ptodata/2/pubna/PTCT_NEW_PUB.seq:*
3: /cgn2_6/ptodata/2/pubna/US06_NEW_PUB.seq:*
4: /cgn2_6/ptodata/2/pubna/US06_PUBCOMB.seq:*
5: /cgn2_6/ptodata/2/pubna/US07_NEW_PUB.seq:*
6: /cgn2_6/ptodata/2/pubna/PTCTUS_PUBCOMB.seq:*
7: /cgn2_6/ptodata/2/pubna/US08_NEW_PUB.seq:*
8: /cgn2_6/ptodata/2/pubna/US08_PUBCOMB.seq:*
9: /cgn2_6/ptodata/2/pubna/US09_NEW_PUB.seq:*
10: /cgn2_6/ptodata/2/pubna/US05_PUBCOMB.seq:*
11: /cgn2_6/ptodata/2/pubna/US10_NEW_PUB.seq:*
12: /cgn2_6/ptodata/2/pubna/US10_PUBCOMB.seq:*
13: /cgn2_6/ptodata/2/pubna/US60_NEW_PUB.seq:*
14: /cgn2_6/ptodata/2/pubna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | ID | Description |
|------------|-------|-------------|--------|----|---|
| 1 | 13.4 | 58.3 | 26 | 9 | US-09-754-853A-442 Sequence 442, Appl |
| 2 | 12.8 | 55.7 | 26 | 10 | US-09-754-167-38 Sequence 38, Appl |
| 3 | 12.8 | 55.7 | 27 | 9 | US-09-888-326-84 Sequence 84, Appl |
| 4 | 12.8 | 55.7 | 27 | 9 | US-09-888-326-414 Sequence 414, Appl |
| 5 | 12.8 | 55.7 | 27 | 9 | US-10-112-653-178 Sequence 178, Appl |
| 6 | 12.8 | 55.7 | 27 | 9 | US-10-112-653-179 Sequence 179, Appl |
| 7 | 12.8 | 55.7 | 27 | 9 | US-10-112-653-1014 Sequence 1014, Appl |
| 8 | 12.8 | 55.7 | 27 | 9 | US-10-017-995-185 Sequence 185, Appl |
| 9 | 12.8 | 55.7 | 27 | 9 | US-10-017-995-186 Sequence 186, Appl |
| 10 | 12.8 | 55.7 | 27 | 9 | US-10-017-995-1070 Sequence 1070, Appl |
| 11 | 12.4 | 53.9 | 19 | 9 | US-09-956-566-1 Sequence 1, Appl |
| 12 | 12.4 | 53.9 | 31 | 10 | US-09-801-274-657 Sequence 657, Appl |
| 13 | 12.2 | 53.0 | 30 | 9 | US-10-010-731-4 Sequence 4, Appl |
| 14 | 12.2 | 53.0 | 30 | 10 | US-09-829-381A-4 Sequence 4, Appl |
| 15 | 12 | 52.2 | 23 | 10 | US-09-870-956-49 Sequence 49, Appl |
| 16 | 11.8 | 51.3 | 24 | 10 | US-09-901-106-24 Sequence 24, Appl |
| 17 | 11.8 | 51.3 | 27 | 10 | US-09-840-479-18 Sequence 18, Appl |
| 18 | 11.6 | 50.4 | 20 | 9 | US-10-138-316-19 Sequence 19, Appl |
| 19 | 11.6 | 50.4 | 27 | 10 | US-09-817-014-80 Sequence 80, Appl |

| | | | | | |
|------|------|------|----|----|---|
| 20 | 11.6 | 50.4 | 28 | 10 | US-09-736-863-11 Sequence 11, Appl |
| C 21 | 11.6 | 50.4 | 29 | 10 | US-09-027-287-27 Sequence 27, Appl |
| C 22 | 11.6 | 50.4 | 29 | 10 | US-09-252-6568-27 Sequence 27, Appl |
| 23 | 11.6 | 50.4 | 37 | 10 | US-09-791-171-25 Sequence 25, Appl |
| 24 | 11.4 | 49.6 | 23 | 9 | US-09-925-664-10 Sequence 10, Appl |
| 25 | 11.4 | 49.6 | 26 | 10 | US-09-843-819-1 Sequence 1, Appl |
| 26 | 11.4 | 49.6 | 30 | 9 | US-09-810-506-13 Sequence 13, Appl |
| 27 | 11.4 | 49.6 | 31 | 9 | US-09-912-263-348 Sequence 348, Appl |
| 28 | 11.4 | 49.6 | 33 | 9 | US-09-880-729-4 Sequence 4, Appl |
| C 29 | 11.4 | 49.6 | 37 | 9 | US-09-864-785-1804 Sequence 1804, Appl |
| C 30 | 11.4 | 49.6 | 37 | 9 | US-09-864-785-1883 Sequence 1883, Appl |
| C 31 | 11.4 | 49.6 | 38 | 9 | US-09-825-805-1076 Sequence 1076, Appl |
| C 32 | 11.4 | 49.6 | 39 | 9 | US-09-344-882-37 Sequence 37, Appl |
| C 33 | 11.4 | 49.6 | 40 | 10 | US-09-245-802-72 Sequence 10, Appl |
| 34 | 11.2 | 48.7 | 20 | 9 | US-09-863-049A-10 Sequence 10, Appl |
| 35 | 11.2 | 48.7 | 21 | 9 | US-09-863-049A-74 Sequence 74, Appl |
| C 36 | 11.2 | 48.7 | 21 | 10 | US-09-727-111-59 Sequence 59, Appl |
| C 37 | 11.2 | 48.7 | 24 | 10 | US-09-755-830-19 Sequence 19, Appl |
| 38 | 11.2 | 48.7 | 26 | 9 | US-10-176-079-3 Sequence 3, Appl |
| 39 | 11.2 | 48.7 | 26 | 10 | US-09-985-694A-3 Sequence 3, Appl |
| 40 | 11.2 | 48.7 | 27 | 10 | US-09-963-885-18 Sequence 18, Appl |
| 41 | 11.2 | 48.7 | 30 | 9 | US-10-043-418-6 Sequence 6, Appl |
| 42 | 11.2 | 48.7 | 30 | 9 | US-10-176-079-7 Sequence 7, Appl |
| 43 | 11.2 | 48.7 | 30 | 10 | US-09-985-694A-7 Sequence 7, Appl |
| C 44 | 11.2 | 48.7 | 31 | 8 | US-08-957-691-8 Sequence 8, Appl |
| 45 | 11.2 | 48.7 | 31 | 10 | US-09-801-274-1655 Sequence 1655, Appl |

ALIGNMENTS

RESULT 1
US-09-754-853A-442
; Sequence 442, Application US/09754853A
; Publication No. US20030005491A1
; GENERAL INFORMATION:
; APPLICANT: Hauge, Brian M.
; APPLICANT: Parnell, Laurence D.
; APPLICANT: Parsons, Jeremy D.
; APPLICANT: Wang, Ming Li
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; TITLE OF INVENTION: Soybean Cyst Nematode Resistance
; FILE REFERENCE: 38-10(15810)B
; CURRENT APPLICATION NUMBER: US/09/754, 853A
; CURRENT FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 60/174, 880
; PRIOR FILING DATE: 2000-01-07
; NUMBER OF SEQ ID NOS: 1119
; SEQ ID NO 442
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: 240017_region_G3_306835_13_Reverse_Primer
US-09-754-853A-442
Query Match 58.3% Score 13.4; DB 9; Length 26;
Best Local Similarity 73.9% Pred. No. 1.8e+03;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
DB 1 AAATCGCTCCGAGCGGGAAC 23
1 AAATCATCTCAAGACGTGAAC 23
RESULT 2
US-09-754-167-38/C
; Sequence 38, Application US/09754167
; Patent No. US20010019328A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatc
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 1 EXPRESSION

FILE REFERENCE: RTS-0140
CURRENT APPLICATION NUMBER: US/09/754,167
CURRENT FILING DATE: 2000-12-19
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-754-167-38

Query Match 55.7%; Score 12.8; DB 10; Length 20;
Best Local Similarity 87.5%; Pred. No. 3.6e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 GCGCTCCGAGCGGGA 20
DB 19 CCGCTCCGAGCGGGA 4

RESULT 3
US-09-888-326-84/C
Sequence 84, Application US/09888326
Publication No. US20030026801A1
GENERAL INFORMATION:
APPLICANT: Weiner, George
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AMS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 84
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: phosphodiester backbone
US-09-888-326-84

Query Match 55.7%; Score 12.8; DB 9; Length 27;
Best Local Similarity 87.5%; Pred. No. 3.5e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 GCGCTCCGAGCGGGA 21
DB 27 GCGCTCCGAGCGGGA 12

RESULT 4
US-09-888-326-414
Sequence 414, Application US/09888326
Publication No. US20030026801A1
GENERAL INFORMATION:
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AMS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 414
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: phosphodiester backbone
US-09-888-326-414

Query Match 55.7%; Score 12.8; DB 9; Length 27;
Best Local Similarity 87.5%; Pred. No. 3.5e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 GCGCTCCGAGCGGGA 21
DB 1 GCGCTCCGAGCGGGA 16

RESULT 5
US-10-112-653-178
Sequence 178, Application US/10112653
Publication No. US20030050268A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060 (AMS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 178
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-10-112-653-178

Query Match 55.7%; Score 12.8; DB 9; Length 27;
Best Local Similarity 87.5%; Pred. No. 3.5e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 GCGCTCCGAGCGGGA 21
DB 1 GCGCTCCGAGCGGGA 16

RESULT 6
US-10-112-653-179/C
Sequence 179, Application US/10112653
Publication No. US20030050268A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060 (AMS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 179
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence

```
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-179

Query Match          55.7%; Score 12.8; DB 9; Length 27;
Best Local Similarity 87.5%; Pred. No. 3.5e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 GGCTCCGAGCGGGAA 21
DB 27 GGCTCCGAGCGGGAA 12

RESULT 7
US-10-112-653-1014
/ Sequence 1014, Application US/10112653
/ Publication No. US20030050268A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Berg, Daniel J.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
/ TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
/ FILE REFERENCE: C01039/70060(AWS)
/ CURRENT FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: US/10/112,653
/ PRIOR FILING DATE: 2001-03-29
/ NUMBER OF SEQ ID NOS: 1040
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 1014
/ LENGTH: 27
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-1014

Query Match          55.7%; Score 12.8; DB 9; Length 27;
Best Local Similarity 87.5%; Pred. No. 3.5e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 GGCTCCGAGCGGGAA 21
DB 1 GGCTCCGAGCGGGAA 16

RESULT 8
US-10-017-995-185
/ Sequence 185, Application US/10017995
/ Publication No. US20030055014A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
/ FILE REFERENCE: C1037/7025 (HCL/MAT)
/ CURRENT FILING DATE: 2001-12-18
/ PRIOR APPLICATION NUMBER: US/10/017,995
/ PRIOR FILING DATE: 2000-12-14
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 185
/ LENGTH: 27
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-017-995-185

Query Match          55.7%; Score 12.8; DB 9; Length 27;
Best Local Similarity 87.5%; Pred. No. 3.5e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 GGCTCCGAGCGGGAA 21
```

```
DB 1 GGCTCCGAGCGGGAA 16

RESULT 9
US-10-017-995-186/C
/ Sequence 186, Application US/10017995
/ Publication No. US20030055014A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
/ FILE REFERENCE: C1037/7025 (HCL/MAT)
/ CURRENT FILING DATE: 2001-12-18
/ PRIOR APPLICATION NUMBER: US/10/017,995
/ PRIOR FILING DATE: 2000-12-14
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 186
/ LENGTH: 27
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-017-995-186

Query Match          55.7%; Score 12.8; DB 9; Length 27;
Best Local Similarity 87.5%; Pred. No. 3.5e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 GGCTCCGAGCGGGAA 21
DB 27 GGCTCCGAGCGGGAA 12

RESULT 10
US-10-017-995-1070
/ Sequence 1070, Application US/10017995
/ Publication No. US20030055014A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
/ FILE REFERENCE: C1037/7025 (HCL/MAT)
/ CURRENT FILING DATE: 2001-12-18
/ PRIOR APPLICATION NUMBER: US/10/017,995
/ PRIOR FILING DATE: 2000-12-14
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 1070
/ LENGTH: 27
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-017-995-1070

Query Match          55.7%; Score 12.8; DB 9; Length 27;
Best Local Similarity 87.5%; Pred. No. 3.5e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 GGCTCCGAGCGGGAA 21
DB 1 GGCTCCGAGCGGGAA 16

RESULT 11
US-09-956-566-1
/ Sequence 1, Application US/0995666
/ Publication No. US20020193610A1
/ GENERAL INFORMATION:
/ APPLICANT: Woltering, Michael
/ APPLICANT: Haning, Helmut
```

```

; APPLICANT: Schmidt, Gunter
; APPLICANT: Bernierstorfer, Josef
; APPLICANT: Bischoff, Hilmari
; APPLICANT: Kretschmer, Axel
; APPLICANT: Mohringer, Verena
; APPLICANT: Paeste, Christiane
; TITLE OF INVENTION: Indazoles
; FILE REFERENCE: Le A 34 835
; CURRENT APPLICATION NUMBER: US/09/956,566
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: DE 100 46 029.1
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin Version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-956-566-1

Query Match          53.9%; Score 12.4; DB 9; Length 19;
Best Local Similarity 92.9%; Pred. No. 5.7e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 AATCGGCTCCGAGG 15
    |||||
Db 4 AATCGACTCCGAGG 17

RESULT 12.
US-09-801-274-657
; Sequence 657, Application US/09801274
; Patent No. US20020032319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 657
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-657

Query Match          53.9%; Score 12.4; DB 10; Length 31;
Best Local Similarity 81.2%; Pred. No. 5.4e+03;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 6 GGCTCGAGCGCGGAA 21
    |||||
Db 5 GGCTCGGGGCGKGGAA 20

RESULT 13
US-10-010-731-4
; Sequence 4, Application US/10010731
; Publication No. US20030041347A1
; GENERAL INFORMATION:
; APPLICANT: Liang, Jihong
; APPLICANT: Shah, Dilip Maganlal
; APPLICANT: Wu, Yonnie S.
; APPLICANT: Rosenberger, Cindy A.
; APPLICANT: Hakiimi, Salim
; TITLE OF INVENTION: Antifungal Polypeptide and Methods for
```

```

; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,731
; FILING DATE: 13-No. US20030041347A1-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/003,198
; FILING DATE: 07-JAN-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Patterson, Melinda L.
; REGISTRATION NUMBER: 33,062
; REFERENCE/DOCKET NUMBER: MOBT:193
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 787-1400
; TELEFAX: (713) 787-1440
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified base
; LOCATION: join(18..19, 23..24, 28..29)
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = inosine"
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-10-010-731-4

Query Match          53.0%; Score 12.2; DB 9; Length 30;
Best Local Similarity 73.7%; Pred. No. 6.7e+03;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 AAATCGGCTCCGAGCGGG 19
    |||||
Db 4 AATTGGATCCGGGNNCGG 22

RESULT 14
US-09-829-381A-4
; Sequence 4, Application US/09829381A
; Patent No. US20020144306A1
; GENERAL INFORMATION:
; APPLICANT: Liang, Jihong
; APPLICANT: Shah, Dilip M.
; APPLICANT: Wu, Yonnie S.
; APPLICANT: Rosenberger, Cindy A.
; TITLE OF INVENTION: Antifungal Polypeptide and Methods for
; Controlling Plant Pathogenic Fungi
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Charles E. Cohen, Monsanto Company, BB4F
; STREET: 700 Chesterfield Village Parkway No. US20020144306A1ch
; CITY: St. Louis
; STATE: Missouri
; COUNTRY: USA
; ZIP: 63198
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/829,381A
; FILING DATE: 09-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/103,489
; FILING DATE: 1998-06-24
; ATTORNEY/AGENT INFORMATION:
; NAME: Cohen, Charles E.
; REGISTRATION NUMBER: 34,565
; REFERENCE/DOCKET NUMBER: 38-21 (10700)A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (314) 537-6224
; TELEFAX: (314) 537-6047
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 18
; OTHER INFORMATION: /mod_base= 1
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 19
; OTHER INFORMATION: /mod_base= 1
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 23
; OTHER INFORMATION: /mod_base= 1
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 24
; OTHER INFORMATION: /mod_base= 1
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 28
; OTHER INFORMATION: /mod_base= 1
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 29
; OTHER INFORMATION: /mod_base= 1
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-829-381A-4

Query Match      53.0%; Score 12.2; DB 10; Length 30;
Best Local Similarity 73.7%; Pred. No. 6.7e+03;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1 AAATGGCTCCGAGCGG 19
Db      4 AATTCGATCCGGGNNGG 22

RESULT 15
US-09-870-956-49/c
; Sequence 49, Application US/09870956
; Patent No. US20020127669A1
; GENERAL INFORMATION:
; APPLICANT: Knipp, Gregory T.
; APPLICANT: Herrera-Ruiz, Dea
; APPLICANT: Rutgers, The State University of New Jersey
; TITLE OF INVENTION: No. US20020127669A1 Compositions for the Expression of the Huma
; FILE REFERENCE: Rutgers 00-0126
; CURRENT APPLICATION NUMBER: US/09/870,956
; CURRENT FILING DATE: 2001-05-31

```

```

; PRIOR APPLICATION NUMBER: 60/208,061
; PRIOR FILING DATE: 2000-05-31
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO: 49
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-870-956-49

Query Match      52.2%; Score 12; DB 10; Length 23;
Best Local Similarity 100.0%; Pred. No. 8.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 CCGCTCCGAGGC 16
Db      13 CCGCTCCGAGGC 2

Search completed: March 26, 2003, 23:43:21
Job time : 715.568 secs

```

THIS PAGE BLANK (USPTO)